

Det. I.M.J.

. Looser's Chilean Plants

Received at Gray Herbarium Jan. 11, 1930.

- 935 *Berberis empetrifolia* Lam.  
936 *Acaena pinnatifida* R. & P.  
937 *Viviana rosea* (Hook.) Klotzsch.  
938 *Melianthus major* L. South African  
939 Cardamine ? (fruit is necessary for the identification of Cruciferae)  
940 *Cardamine hirsuta* L.  
941 *Erigeron Karvinskianum* DC.  
942 *Triptilon cordifolium* Lag.  
943 *Oenothera rosea* Aiton  
944 *Senecio bahioides* H. & A. ?  
945 *Galinsoga parviflora* Cav.  
946 Amaranthus  
947 Poa  
948 *Distichlis thalassica* (HBK.) Desv.  
949 *Ammi Visnaga* (L.) Lam.  
950 *Aristida adscensionis* L.  
951 *Festuca megalura* Nutt.  
952 *Polygala Gayi* Bennet = *P. stricta* Gay, non St. Hil.  
953 *Piptochaetium bicolor* (Vahl) Desv.  
954 *Viola pusilla* Poepp. = *P. asterias* H. & A.  
955 *Carex setifolia* Kunze  
956 *Aplopappus chrysanthemifolius* (Less.) DC.  
957 *Trifolium depauperatum* Desv.  
958 *Corrigiola squamosa* H. & A.  
959 *Adesmia phylloidea* Clos  
960 *Juncus imbricatus* Laharpe  
961 *Ranunculus muricatus* L.  
962 *Eleocharis* sp. (mature fruit needed for determination)  
963 *Juncus* ? (too immature for identification)  
964 *Facelis retusa*, var. *chilensis* (F. & M.) Baker  
965 *Persea Meyeniana* Nees  
966 *Aristolochia chilensis* Miers  
967 *Senecio glabratus* H. & A.  
968 *Lycium chilense* Bert.  
969 *Veronica arvensis* L.  
970 *Hedicago hispida* Gaertn., var. *denticulata* (Willd.) Urb.  
971 " " " " " "  
972 *Galinsoga parviflora* Cav.  
973 *Senecio sinuatilobus* DC.  
974 *Bowlesia tropaeolifolia* Gillies  
975 *Loasa tricolor* Ker.  
976 *Chiropetalum tricuspidatum* (Lam.) Juss.  
977 *Bowlesia uncinata* Colla  
978 *Gnaphalium sphacelatum*, var. *chilensis* DC. [= no. 36]  
979 *Carduus pycnocephalus* (L.) Jacq.  
980 *Vicia vicina* Clos, forma  
981 *Oxybaphus micranthus* Choisy  
982 *Chiropetalum tricuspidatum* (Lam.) Juss.  
983 *Pasithea caerulea* Don  
984 *Monnieria angustifolia* DC.  
985 *Anisomera littoralis* (Poepp. & Endl.) Moq.  
986 *Aplopappus uncinatus* Ph.  
987 *Calandrinia capitata* forma?  
988 *Phacelia brachyantha* Benth.  
989 *Viviana rosea* (Hook.) Klotzsch.

- 990 *Vicia vicina* Clos, forma  
991 *Acaena pinnatifida* R. & P.  
992 *Plagiobothrys tinctorius* (R. & P.) Gray  
993 *Poa*  
994     *Chaetanthera linearis* Poepp. ex Less.  
995         "  
996 *Scirpus americanus* Pers.  
997 *Salpiglossis sinuata* R. & P.  
998 *Trifolium filiforme* L.  
999 *Scirpus asper* Presl  
1000 *Linum Chamissonis* Schiede
- 1090 *Baccharis umbelliformis* DC.  
1091 *Petamilia striata* H. & A.  
1092 *Baccharis umbelliformis* DC.  
1093 *Chaetanthera tenella* Less.  
1094 *Godetia Cavanillesii* Spach.  
1095 *Colletia ulicina* Gillies  
1096 *Rumex acetosella* L.  
1097 *Lathyrus magellanicus* Lam. [= nos. 112, 113 & 709]  
1098 *Solanum marginatum* L.  
1099 *Apium* sp.? (fruit needed)

Duplicate of this list  
sent G. L. with letter of  
Jan. 15, 1930.

CHILIAF PLANTS FROM MR. G. LOOSER

Received at the Gray Herbarium April 7, 1930

Determinations in the Filicae and Carex by Mr. C.A.Weatherby, in other groups by I. M. Johnston

- 1082 *Dryopteris Sieboldii* (Van Houtte) Ktze. This is the cultivated fern, a native of China and Japan, which Mr. Weatherby mentioned in his letter of Jan. 27, 1930.
- 1110 *Bromus macranthos* Heyen
- 1111 *Calamagrostis* To be reported later
- 1112 *Hordeum comosum* Presl Hauman
- 1113 " " " approaching *H. secalinum*, var. *pubiflorum*
- 1114 *Calamagrostis* To be reported later
- 1115 *Trisetum* " " " "
- 1116 *Juncus balticus* Willd.
- 1117 *Carex hypoleuca* Desv. ex char. not represented previously in the Gray Herbarium. det. by Mr. Weatherby
- 1118 *Eleocharis montata* (HBK.) R. & S.
- 1119 *Senecio Bustillosianus* Remy Leaves slightly narrower and less abundantly lobed, but otherwise extremely like authentic material of the species collected by Gay.
- 1120 *Senecio rutaceus* Ph.
- 1121 " *crithmoides* H. & A. You had better compare this in the Philippi Herbarium. I have no specimens for comparison.
- 1122 *Aplopappus cuneifolius* Nutt.
- 1123 *Erigeron* sp. It is practically impossible to make a satisfactory determination in this genus. It is a more puzzling genus even than *Senecio*. You had better try to match it in the Philippi Herbarium.
- 1124 *Perezia* sp. To be reported later. We have a student here monographing this genus; at present he is away during the Spring holidays.
- 1125 *Nassauvia spinosa* (Remy) Reiche
- 1126 " *Lagascæ* (Gillies) Meigen, forma *glabrescens* Hauman = *N. lanata* Reiche
- 1127 *Chaetanthera pusilla* (Don) H. & A.
- 1128 *Leucheria paniculata* Poepp.
- 1129 " sp. Not in the Gray Herbarium. cf. *L. paucicapitata* or *L. microcephala*
- 1130 *Pernettya leucocarpa* DC.
- 1131 *Anisomeria coriacea* Don
- 1132 *Astragalus* sp. Not matched in the Gray Herbarium. I would suggest that you look for this plant in the Philippi Herbarium under the species treated in Reiche's Flora as nos. 32-48.
- 1133 *Astragalus* sp. lacking fruit. This is a close match for Gay's collection from Coquimbo determined as *A. elatæ* in the Gay's Fl. Chile, but I am not certain it is the true *Phaca elata*. Your plant probably belongs among the species nos. 32-48 of Reiche's Flora.
- 1134 *Adesmia* sp. not in the Gray Herbarium. Compare it with *A. decumbens* Ph., *A. humifusa* Ph., *A. medinae* Ph. and *A. exile* Tlos. Possibly a phase of *C. radicifolia*

- 1135 *Malesherbia incana* Werdermann Perhaps not distinct from  
*M. lirana* Gay.
- 1136 *Epilobium chilense* Hausskn. Apparently this according to the recent (1923) monograph by Samuelsson. In collecting specimens of *Epilobium* care should be taken to get good material of the root to show, if present, the characteristic buds borne there. These buds break off easily, hence it is best to wash the soil off carefully in water.
- 1137 *Calandrinia sericea* H. & A.
- 1138 " *polycarpoides* Ph.
- 1139 *Collomia biflora* (R. & P.) Brand
- 1140 *Ranunculus andinus* Ph.
- 1141 *Acaena macrostemon* Hook. f.
- 1142 *Nicotiana corymbosa* Remy The typical form
- 1143 *Berberis empetrifolia* Lam.
- 1144 *Cerastium arvense* L.
- 1145 *Descurainia Cumingiana* (F. & M.) Prantl. [=? *D. canescens* var. *andina* Haum.]
- 1146 *Gentiana Ottonis* Ph.
- 1147 *Phacelia magellanica* (Jam.) Cov.
- 1148 *Arenaria serpens* HBK. (= *A. serpyloides* of Reiche)
- 1149 *Phacelia Cummingii* (Benth.) Gray
- 1150 *Laretia acaulis* (Cav.) Gill. & Hook.
- 1151 " " " " "
- 1152 *Azorella bolacina* Clos
- 1153 *Cystopteris fragilis* (L.) Bernh.
- 1154 *Polypodium synammia* (Fée) C. Chr.
- 1155 *Gleichenia cryptocarpa* Hook.
- 1156 I think this is the cultivated form of the European *Polystichum aculeatum*, known to horticulturalists as *P. aculeatum* or *P. angulare*, var. *acutilobum*, although the scales of the rachis are broader than in our specimens and this frond shows *none* of the proliferous buds usually found in this variety. It is indeed interesting to find it escaped. C.A.W.
- 1157 *Blechnum penna marina* (Poir.) Kuhn
- 1158 *Gleichenia quadripartita* (Poir.) Moore
- 1159 *Asplenium magellanicum* Klff.
- 1160 *Calandrinia arenaria* Chem.

*sent with letter 3*  
*apr. 9, 1930*

Chilean Plants from Mr. Looser (5 packages) received March 24, 1930  
determined at the Gray Herbarium by I.M. Johnston

- 3450 Spergularia *marina* (L.) Griseb.  
3451 Spergularia *marina* (L.) Griseb.  
3452 Spergularia *villosa* (Pers.) Camb. (= *S. Liebmanna*)  
3612 Astragalus Berteri Colla  
3613 Sisyrinchium *junciforme* Pogg.  
3614 Oxalis *lineata* Gillies  
3615 Polemonium *Gayanum* (Wedd.) Brand  
3616 Viola  
3617 Viola } *pusilla* Hott. formae.  
3618 Viola  
3619 Frankenia salina (Molina) Johnston  
3620 Amaranthus *peruviana* (Schauer) Standley?  
3621 Amaranthus *peruviana* Standley?  
3622 Lythrum ~~Hypolepis~~ *folia* L.  
3623 Vicia *villosa* Roth. var.  
3624 Plagiobothrys *procumbens* (Colla) Gray  
3525 Cressa truxillensis HBK  
3626 Calandrinia *Berteroana* Phil.  
3627 Calandrinia *Berteroana* Phil.  
3628 Tragopogon sp. if flowers yellow this is *T. dubius* Scop.  
3629 Heliotropium curassavicum L.  
3630 Scirpus *riparius* Presl  
3631 Polypogon *linearis* Trin (= no. 353)  
3632 Polypogon *monspeliensis* (L.) Desv.  
3633 Distichlis *thalassica* (Hott.) Desv.  
3634 Polypogon *monspeliensis* (L.) Desv.  
3635 Lasthenia *obtusifolia* Cass.  
3636 Plantago *truncata* Cham. subsp. *ferma* Pilger  
3637 Psilocarpus *chilensis* (Remy) Meigen [no. 742 is *P. globiferus* (DC) Nutt.] The genus has 2 species in Chile.

- 3638 Atriplex *cognimbensis* Phil. *Eleocholoides* Hochst.
- 3639 Alopecurus *leucochloides* Hochst.
- 3640 Cotula coronopifolia L.
- 3641 Ranunculus *bonariensis* Poer
- 3642 Myosurus *apetalus* Gay
- 3643 Juncus bufonius L
- 3644 Lilaea *scilloides* (Poir.) Hauman
- 3645 Plagiobothrys *procumbens* (Colla) Gray
- 3646 Eleocharis sp.
- 3647 ~~Papaver~~ *hybricum* L.
- 3648 Psilocarphus *chilensis* (Reyn.) Meijer
- 3649 Plagiobothrys *procumbens* (Colla) Gray
- 3650 Spergularia *marina* (L.) Griseb.
- 3651 Ranunculus *muricatus* L.
- 3652 Oenothera *caerulescens* Dougl. var. *divaricata* (Gay) Munz
- 3653 Deschampsia sp. (= *Monandraira glauca* Desv.)
- 3654 Puccinellia *glaucescens* (Bl.) Parodi
- 3655 Puccinellia " "
- 3656 Amaranthus *peruviana* Standley?
- 3657 Plagiobothrys *procumbens* (Colla) Gray
- 3658 Plagiobothrys *procumbens* (Colla) Gray
- 3659 Heliotropium curassavicum L.
- 3660 Scirpus *viperinus* Presl
- 3661 Cristaria *glaucophylla* Cav.
- 3662 Atriplex semibaccata R.Br.
- 3663 Polygonum *chilense* Koch
- 3664 Nolana *crassulifolia* Poepp.
- 3665 Corrigiola *latifolia* Gay
- 3666 ~~Mycengelia~~ *Mycenophila exocarpa* (DC) Berg, var. *temmii* (Hochst.) Berg
- 3667 Collomia *biflora* (R.P.) Brand
- 3668 Limonium sp. (base of plant and leaves needed for identification)

- 3669 ~~\*\*\*~~ *Begonia ligulata* (Wall.) Engler  
 3670 ~~\*\*\*~~ *Polygala thesioides* Willd.  
 3671 *Cryptantha alyxoides* (DC) Reiche  
 3672 *Weigelia japonica* DC.  
 3673 *Nicotiana acuminata* Graham  
 3674 *Scirpus asper* Presl
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- 3691 *Astragalus Arnottianus* (Gillies) ~~Reiche~~ Reiche  
 3692 *Acaena penatifida* Robt. var.  
 3693 *Astragalus Arnottianus* (Gillies) Reiche  
 3694 ~~cult.~~ *Nastanthus ventosus* Meigen  
 3695 ~~cult.~~ " " "  
 3696 *Phacelia Cumingii* (Benth.) Gray  
 3697 *Phacelia pinnata* (Robt.) Macbr.
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